Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane

**CAS Number:** 106-94-5

Date Report Requested: 10/19/2014 Time Report Requested: 16:58:45

First Dose M/F: NA / NA

Lab: BNW

C Number: C20011

**Lock Date:** 06/13/2003

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane

Route: RESPIRATORY EXPOSURE WHOLE BODY

**CAS Number:** 106-94-5

First Dose M/F: NA / NA

Date Report Requested: 10/19/2014

Time Report Requested: 16:58:45

Lab: BNW

Male RAT FIRST TERMINAL SACRIFICE AT 93 DAYS **INDIVIDUAL SURVIVAL TIMES (DAYS)** 

	שווו ש	IVIDUAL SURVIVAL TIMES (DAT	3)	
DOSE = CONTROL				
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10	
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				
DOSE = 62.5 PPM				
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10	
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				
DOSE = 125 PPM				
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10	
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				
DOSE = 250 PPM				
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10	
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

**Test Compound:** 1-Bromopropane

**CAS Number:** 106-94-5

1 1131 2030

First Dose M/F: NA / NA

Date Report Requested: 10/19/2014 Time Report Requested: 16:58:45

Lab: BNW

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Male RAT
FIRST TERMINAL SACRIFICE AT 93 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 500 PPM

TOTAL 10

Route: RESPIRATORY EXPOSURE WHOLE BODY

**UNCENSORED DEATHS 0** 

**CENSORED DEATHS 0** 

**TERMINAL 10** 

UNCENSORED DEATH DAYS

none

**CENSORED DEATH DAYS** 

none

DOSE = 1000 PPM

TOTAL 10

UNCENSORED DEATHS 0

**CENSORED DEATHS 0** 

**TERMINAL 10** 

**UNCENSORED DEATH DAYS** 

none

**CENSORED DEATH DAYS** 

none

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Species/Strain: Rat/F 344/N

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 90-DAY

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/19/2014 Time Report Requested: 16:58:45

First Dose M/F: NA / NA

Lab: BNW

Male RAT FIRST TERMINAL SACRIFICE AT 93 DAYS

## KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE		TIME (DAYS)								
	10	20	30	40	50	60	70	80	90	93(A)
CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
125 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Species/Strain: Rat/F 344/N

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 90-DAY

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane

**CAS Number:** 106-94-5

Date Report Requested: 10/19/2014 Time Report Requested: 16:58:45

First Dose M/F: NA / NA

Lab: BNW

Male RAT FIRST TERMINAL SACRIFICE AT 93 DAYS

CONTROL	62.5 PPM	125 PPM	250 PPM	
100.0%	100.0%	100.0%	100.0%	
	•			
(.)	(.)	(.)	(.)	
93.0	93.0	93.0	93.0	
(0.0)	(0.0)	(0.0)	(0.0)	
	(.) 93.0	100.0% 100.0%	100.0% 100.0% 100.0%   (.) (.) (.) (.) (.) 93.0 93.0	100.0% 100.0% 100.0% 100.0% 100.0%

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Date Report Requested: 10/19/2014

Time Report Requested: 16:58:45

First Dose M/F: NA / NA

Lab: BNW

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

#### Male RAT FIRST TERMINAL SACRIFICE AT 93 DAYS

Test Compound: 1-Bromopropane

**CAS Number:** 106-94-5

DOSE	500 PPM	1000 PPM	
SURVIVAL AT END OF STUDY	100.0%	100.0%	
(KAPLAN-MEIER)			
SIGNIFICANCE (B)			
(LIFE TABLE)			
MEAN DAY OF NATURAL DEATHS (C)	•	•	
(STANDARD ERROR)	(.)	(.)	
MEAN LIFE SPAN (D)	93.0	93.0	
(STANDARD ERROR)	(0.0)	(0.0)	

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Test Type: 90-DAY

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**CAS Number:** 106-94-5

Time Report Requested: 16:58:45

Date Report Requested: 10/19/2014

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

FEMALE RAT
FIRST TERMINAL SACRIFICE AT 93 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

	IND	IVIDUAL SURVIVAL TIMES (DAY	১)	
DOSE = CONTROL				
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10	
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				
DOSE = 62.5 PPM				
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10	
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				
DOSE = 125 PPM				
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10	
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				
DOSE = 250 PPM				
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10	
UNCENSORED DEATH DAYS				
none				
CENSORED DEATH DAYS				
none				

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane

Route: RESPIRATORY EXPOSURE WHOLE BODY CAS Number: 106-94-5

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Time Report Requested: 16:58:45

First Dose M/F: NA / NA

Date Report Requested: 10/19/2014

Lab: BNW

Female RAT FIRST TERMINAL SACRIFICE AT 93 DAYS INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 500 PPM

TOTAL 10

**UNCENSORED DEATHS 0** 

**CENSORED DEATHS 0** 

**TERMINAL 10** 

**UNCENSORED DEATH DAYS** none

CENSORED DEATH DAYS

none

DOSE = 1000 PPM

TOTAL 10

**UNCENSORED DEATHS 0** 

**CENSORED DEATHS 0** 

**TERMINAL 10** 

**UNCENSORED DEATH DAYS** 

none

**CENSORED DEATH DAYS** 

none

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

**CAS Number:** 106-94-5

**Date Report Requested:** 10/19/2014 **Time Report Requested:** 16:58:45

First Dose M/F: NA / NA

Lab: BNW

# Female RAT FIRST TERMINAL SACRIFICE AT 93 DAYS

## KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE		TIME (DAYS)								
	10	20	30	40	50	60	70	80	90	93(A)
CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
125 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

## P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane **CAS Number:** 106-94-5

Date Report Requested: 10/19/2014 Time Report Requested: 16:58:45

First Dose M/F: NA / NA

Lab: BNW

# Female RAT FIRST TERMINAL SACRIFICE AT 93 DAYS

DOSE	CONTROL	62.5 PPM	125 PPM	250 PPM	
SURVIVAL AT END OF STUDY	100.0%	100.0%	100.0%	100.0%	
(KAPLAN-MEIER)					
SIGNIFICANCE (B)					
(LIFE TABLE)					
MEAN DAY OF NATURAL DEATHS (C)			•		
(STANDARD ERROR)	(.)	(.)	(.)	(.)	
MEAN LIFE SPAN (D)	93.0	93.0	93.0	93.0	
(STANDARD ERROR)	(0.0)	(0.0)	(0.0)	(0.0)	

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

### P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane **CAS Number:** 106-94-5

Date Report Requested: 10/19/2014 Time Report Requested: 16:58:45

First Dose M/F: NA / NA

Lab: BNW

# Female RAT FIRST TERMINAL SACRIFICE AT 93 DAYS

DOSE	500 PPM	1000 PPM	
SURVIVAL AT END OF STUDY	100.0%	100.0%	
(KAPLAN-MEIER)			
SIGNIFICANCE (B)			
(LIFE TABLE)			
MEAN DAY OF NATURAL DEATHS (C)			
(STANDARD ERROR)	(.)	(.)	
MEAN LIFE SPAN (D)	93.0	93.0	
(STANDARD ERROR)	(0.0)	(0.0)	

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: 1-Bromopropane

**CAS Number:** 106-94-5

Date Report Requested: 10/19/2014 Time Report Requested: 16:58:45

First Dose M/F: NA / NA

Lab: BNW

\*\* END OF REPORT \*\*

<sup>(</sup>A) FIRST TERMINAL SACRIFICE

<sup>(</sup>B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

<sup>(</sup>C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

<sup>(</sup>D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)